

EMT 111/112 Assignment 2

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Due Friday October 16, 2009

1. Solve the inequality and sketch the solution on a coordinate line.

(a) $\frac{4}{2-x} \leq 1$

(b) $\frac{2}{x} < \frac{3}{x-4}$

(c) $8x^3 - 4x^2 - 2x + 1 < 0$

2. Solve for x:

(a) $|6x - 7| = |3 + 2x|$

(b) $|\frac{x+5}{2-x}| = 6$